

# W-M1B502

16 Channels Digital Input / 8 Channels Relay Output Module



#### **Main Features**

- Support Dry / Wet Contact
- Input Resistance 10ΚΩ
- Relay Output Channel 4 Form A, 4 Form C
- Communication Protocol: Modbus RTU



### Introduction

W-M1B502, 16-channel digital input and 8-channel relay output module, its over-voltage protection design achieved the rugged features. Following the characters of Wolf series, it retains friendly configuration which brought the convenience to mass deployment.

## **Specification**

Model Name	W-M1B502
Digital Input	
Channel	16 Channels
Over-Voltage Protection	70 VDC
Frequency Range	100 Hz (16 bit)
Dry Contact	Logic Level 0: Open;
	Logic Level 1: Close to GND
Wet Contact	Logic Level 0: 3V (Max.);
	Logic Level 1: 10 to 50V
Relay Output	
Channel	8 Channels
Output Type	4 Form A, 4 Form C
Output Voltage Range	3.5 – 30 VDC
Contact Rating	30 VDC
Normal Output Current	500mA per Channel
Operating / Release Time	10 ms Max. / 5 ms Max.
Electrical Endurance	100000 ops. @ 5A resistive load
General	
Interface	RS-485
Communication Protocol	Modbus RTU
Communication Speed	From 1200 to 115.2k bps
Communication Distance	1.2 km at 9.6 kbps
Power Consumption	2.8W @ 24 VDC
Power Requirement	10 - 60 VDC
Watchdog Timer	System (1.6 Second Fixed)
LED Indicators	PWR, Comm, Program, Status
Intra-Module Isolation, Field-to	-Logic 2500 VDC

## **Environment**

Temperature
-25 to +70 °C (Operating)
-30 to +75 °C (Storage)

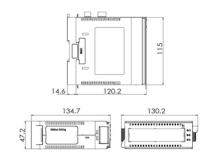
Operating Relative Humidity:

10% to 90% (non-condensing)

#### **Dimension**

Weight: 65g (Average)

Dimension: 472mm x 121mm x 120mm



## **Ordering Information**

W-M1B502

16 Channels Digital Input and

8 Channels Relay Output Modules

